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[CN/CN]; Philips Electronics China, 21/F Kerry Office
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(74) Common Representative: **KONINKLIJKE PHILIPS
ELECTRONICS N.V.**; c/o HAQUE, Azir, Philips Elec-
tronics China, 21/F Kerry, Office Building, 218 Tian Mu
Xi Lu Road, Shanghai 200070 (CN).

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(71) Applicant (*for all designated States except US*): **KONIN-
KLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

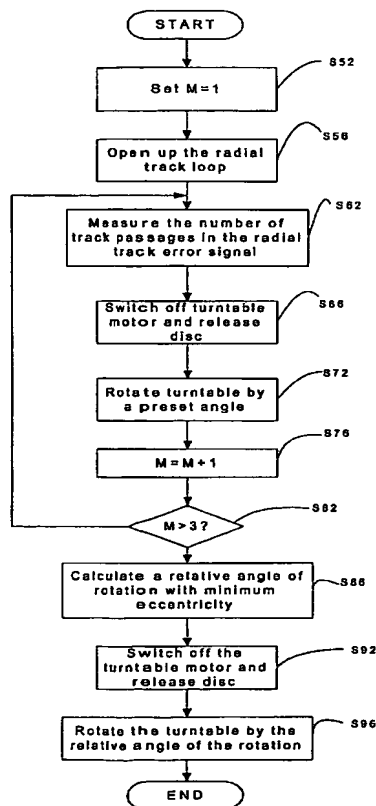
(72) Inventor; and

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(75) Inventor/Applicant (*for US only*): **ZHONG, Jianyi**

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(54) Title: METHOD AND SYSTEM FOR IMPROVING THE ABILITY OF PLAYER/RECORDER SYSTEMS TO READ A
DISC DURING THE STARTUP PROCEDURE



(57) Abstract: In accordance with the invention, upon insertion of an optical disc into a player/recorder system, the system attempts to recognize the disc and read data from the disc. Any error causing failure of a startup procedure will be detected. If a reading error is detected, the disc is rotated by an angle for minimizing the impacts due to the reading error. Then the data is read again from the disc. If a reading error is still detected, the procedure is repeated for a few times to minimize the reading errors. The rotational angle of the disc may be either preset or calculated by the system based on measured eccentricity values. In this way, the combined eccentricity, i.e., the distance from the spiral groove center of the disc to the system's rotational axis, can be minimized, and the ability of the system to read an optical disc during the startup procedure can be significantly improved.

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